



## Testing Laboratories, Inc.

940 South Harney St., Seattle, WA 98108 (206) 767-5060 FAX 767-5063

## Certificate

Chemistry, Microbiology and Technical Services

CLIENT: Alaskan Copper Works  
P.O. Box 3546  
Seattle, WA 98124  
ATTN: Raphael Acholonu

LABORATORY NO. 19193

DATE: Oct. 30, 1989

PO# M12211

REPORT ON: LIQUID

### SAMPLE

IDENTIFICATION: Submitted 10/24/89 and identified as shown below:

10-24-3200-M12211 Sample Before Charging

### TESTS PERFORMED AND RESULTS:

Specific Gravity at 25°C

#### Sample

1.232

Total Acidity, calculated as % HNO<sub>3</sub>  
(methyl orange end point)

5.3

Respectfully submitted,

Laucks Testing Laboratories, Inc.

J. M. Owens

JMO:emt



This report is submitted for the exclusive use of the person, partnership, or corporation to whom it is addressed. Subsequent use of the name of this company or any member of its staff in connection with the advertising or sale of any product or process will be granted only on contract. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

AKC-0014885



# Testing Laboratories, Inc.

940 South Harney St., Seattle, WA 98108 (206) 767-5060 FAX 767-5063

## Certificate

Chemistry, Microbiology, and Technical Services

CLIENT: Alaskan Copper Works  
P.O. Box 3546  
Seattle, WA 98124  
ATTN: Raphael

LABORATORY NO. 19049

DATE: Oct. 11, 1989

PO# M11992

REPORT ON: LIQUID

### SAMPLE

IDENTIFICATION: Submitted 10/09/89 and identified as shown below:  
10-9-3200-M11992

### TESTS PERFORMED AND RESULTS:

Specific Gravity at 25.C

1.256

Total Acidity, calculated as %  $\text{HNO}_3$   
(methyl organe end point)

5.8

Respectfully submitted,

Laucks Testing Laboratories, Inc.

*J. M. Owens*  
J. M. Owens

JMO:lam



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AKC-0014886



# NORTHWEST LABORATORIES

*of Seattle, Incorporated*

ESTABLISHED 1896

*Technical Services for: Industry, Commerce, Legal Profession & Insurance Industry*



1530 FIRST AVENUE SOUTH

• SEATTLE, WASHINGTON 98134 •

Telephone: (206) 622-0680

Report To: Alaskan Copper & Bras

Date: October 19, 1988

Report On: Asbestos Analysis/Bulk Samples

Lab No.: E 45222

SUBMITTED:

One (1) Bulk Sample/Asbestos Analysis.


IDENTIFICATION:

Accoustical Tile  
Old Telephone Booth  
10-17-3200-M7453

ANALYSIS BY POLARIZED LIGHT/DISPERSION STAINING MICROSCOPY:

<u>Sample No.</u>	<u>Asbestos, %</u>	<u>Other Fibrous Materials</u>	<u>Non-Fibrous Materials</u>	<u>Comments</u>
1	<1% Asbestos	Fiberglass Cellulose	Binder Mastic	-----

NORTHWEST LABORATORIES

  
Sam LeBarron  
Director, Analytical Laboratory

wbm

AKC-0014887

# Laucks

## Testing Laboratories, Inc.

940 South Harney St., Seattle, Washington 98108 (206) 767-5060 FAX 767-5063

Chemistry, Microbiology, and Technical Services

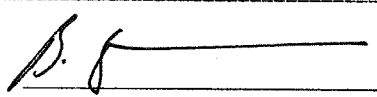
Alaskan Copper Works  
P. O. Box 3546  
Seattle, WA 98124

Date Received: 10/26/89  
Date Reported: 11/03/89  
Work Order: 89-10-203  
Category: 1023632

Attn: Raphael Acholonu

Work ID: Metro Waste Discharge  
P O # : M12242

Test	Units	10-26-3200-M1- 2242
Chromium (Method 218.1)		0.26
	mg/L	
Copper (Method 220.1)		0.21
	mg/L	
Nickel (Method 249.1)		0.42
	mg/L	
Zinc (Method 289.1)		0.042
	mg/L	

Certified By: 

Charter Member American Council of Independent Laboratories

AKC-0014888